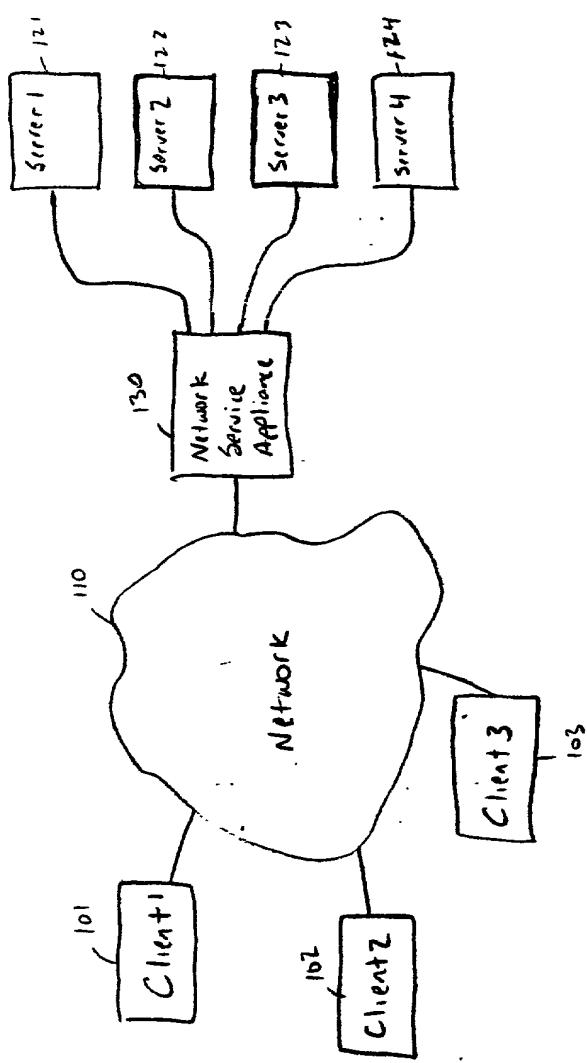


Figure 1



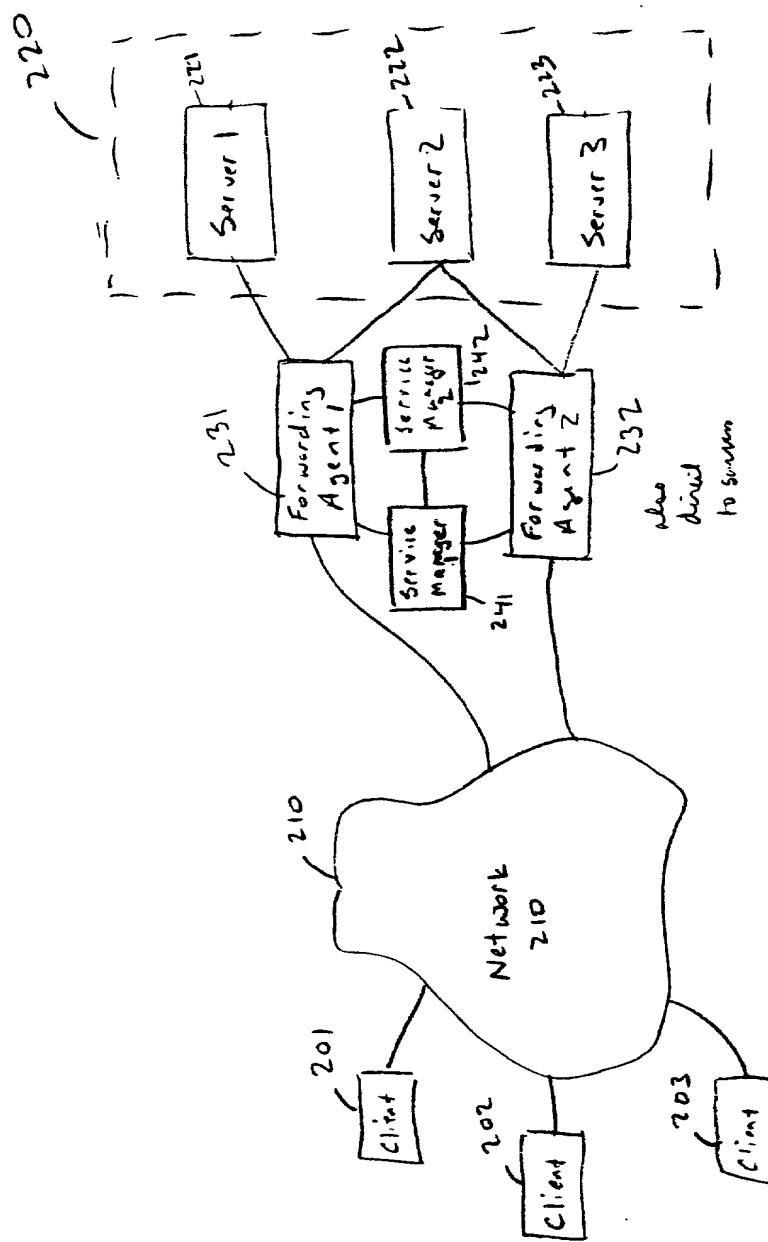


Figure 2A

Figure 2B

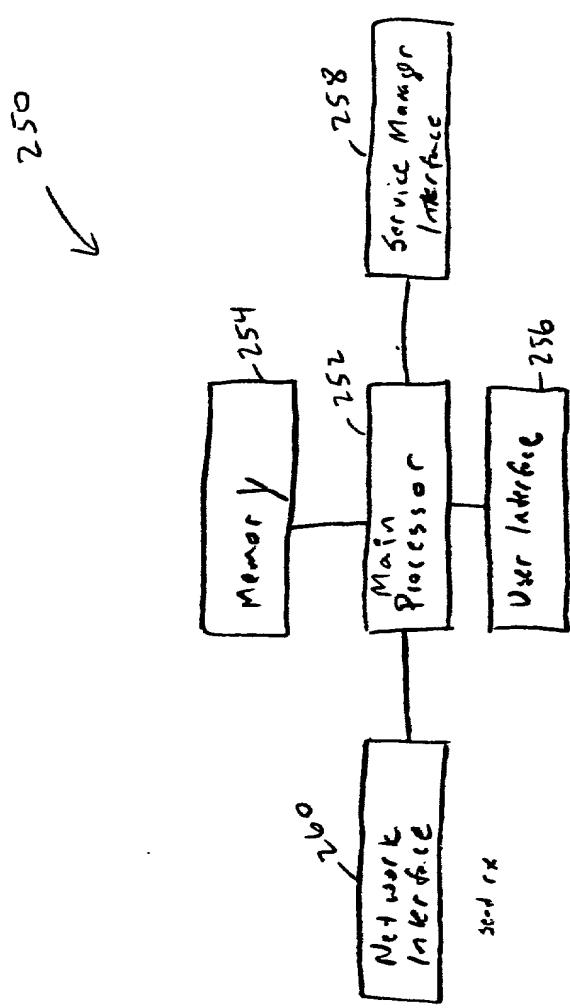
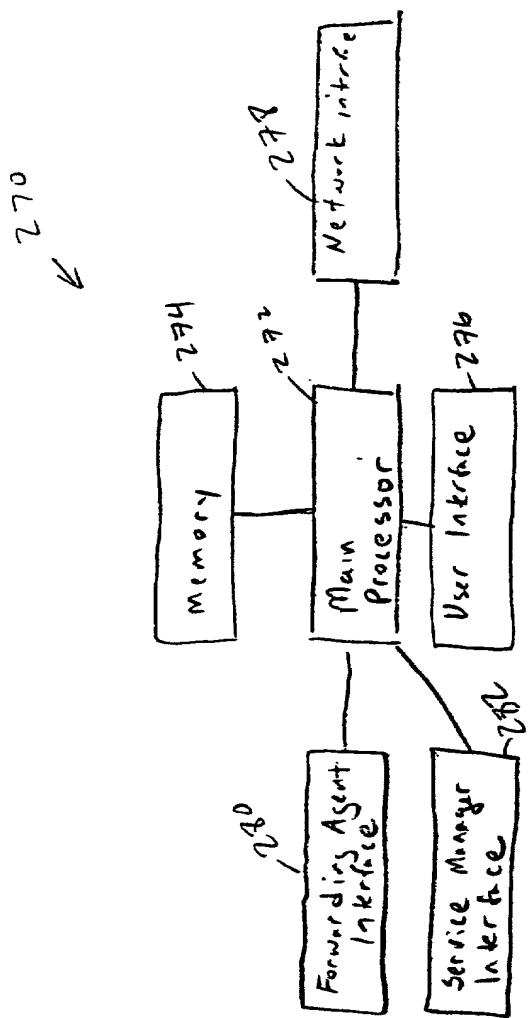


Figure 2c



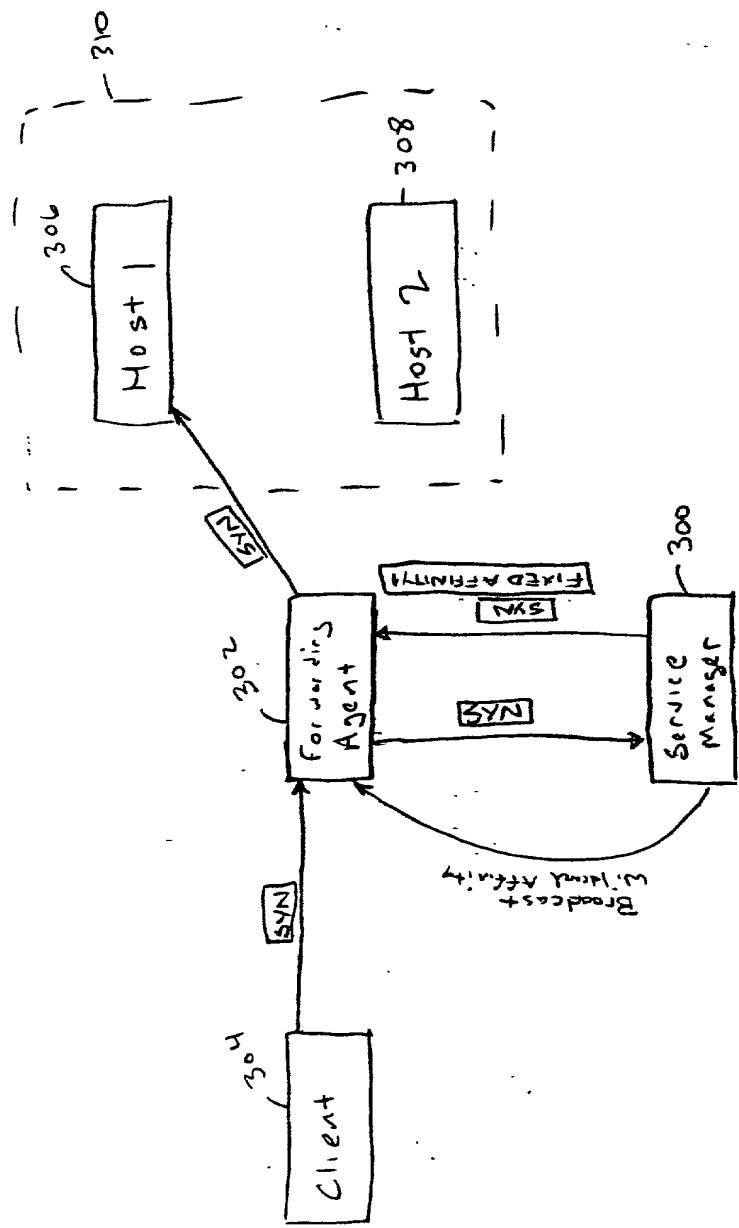


Figure 3A

Figure 3B

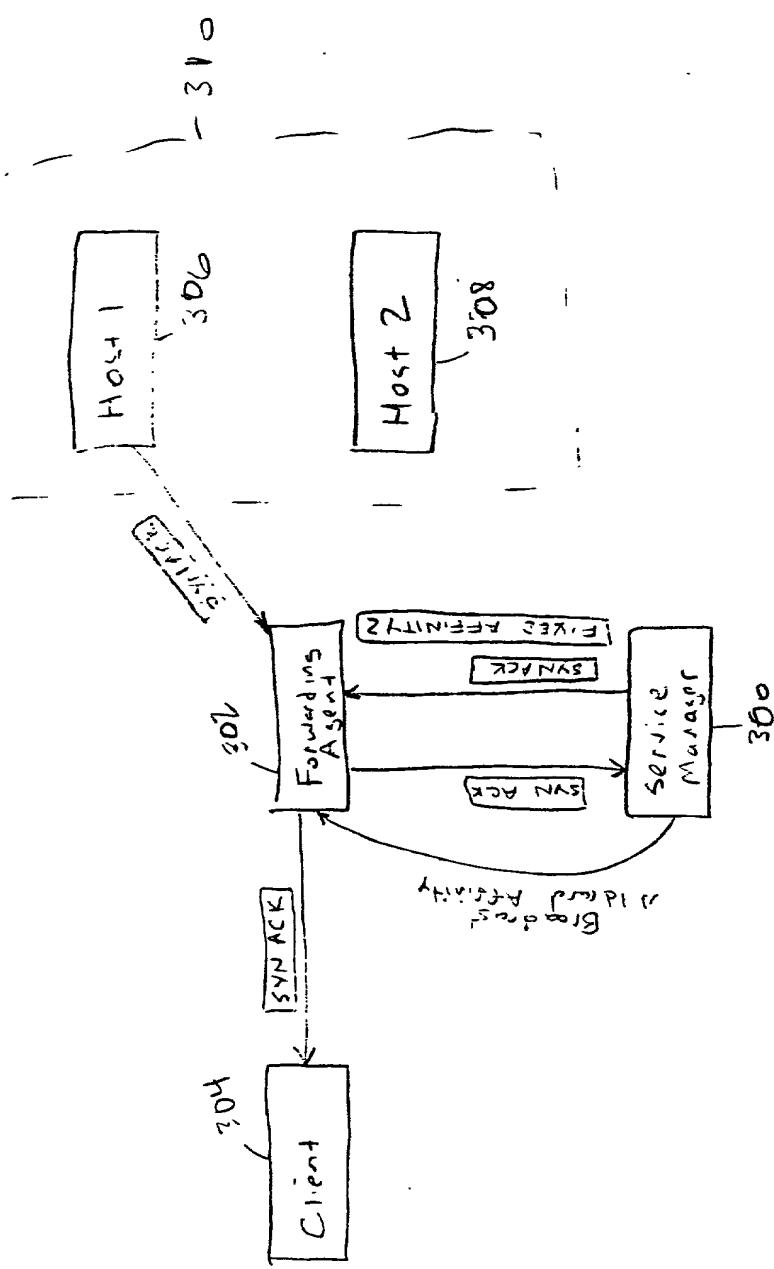
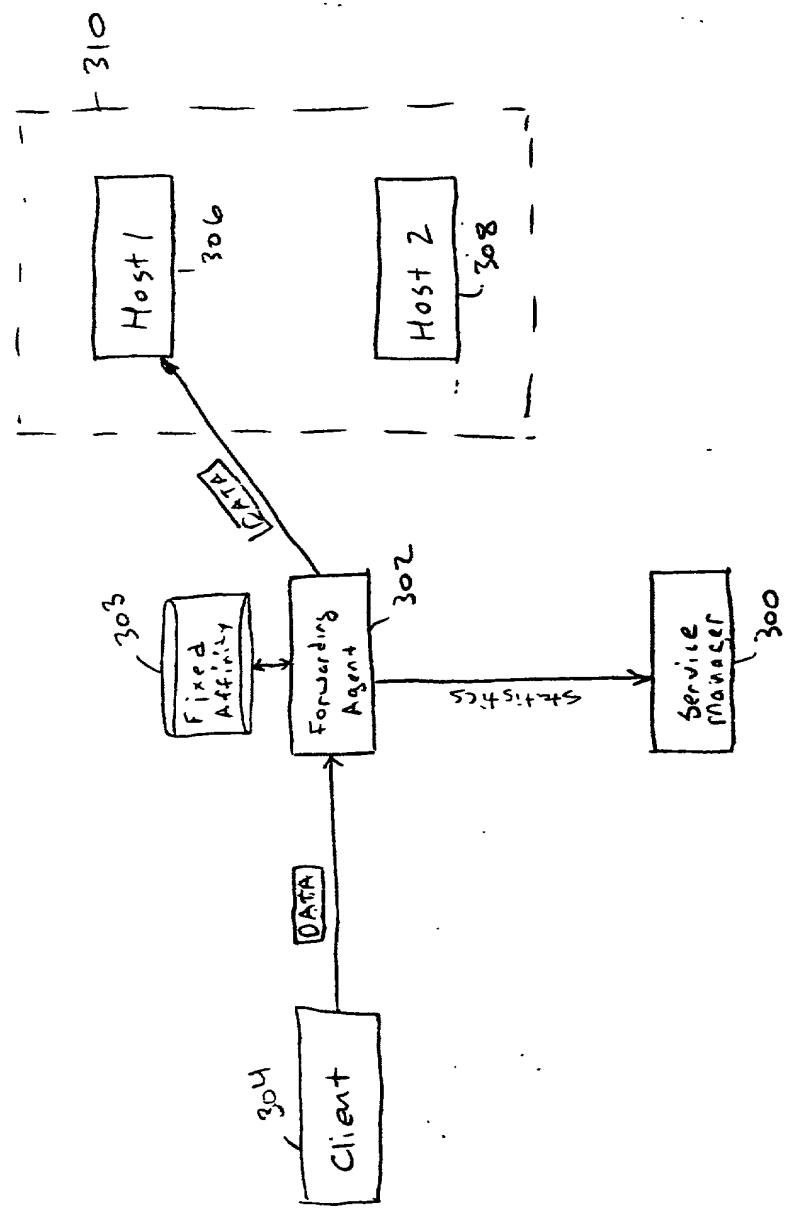


Figure 3c



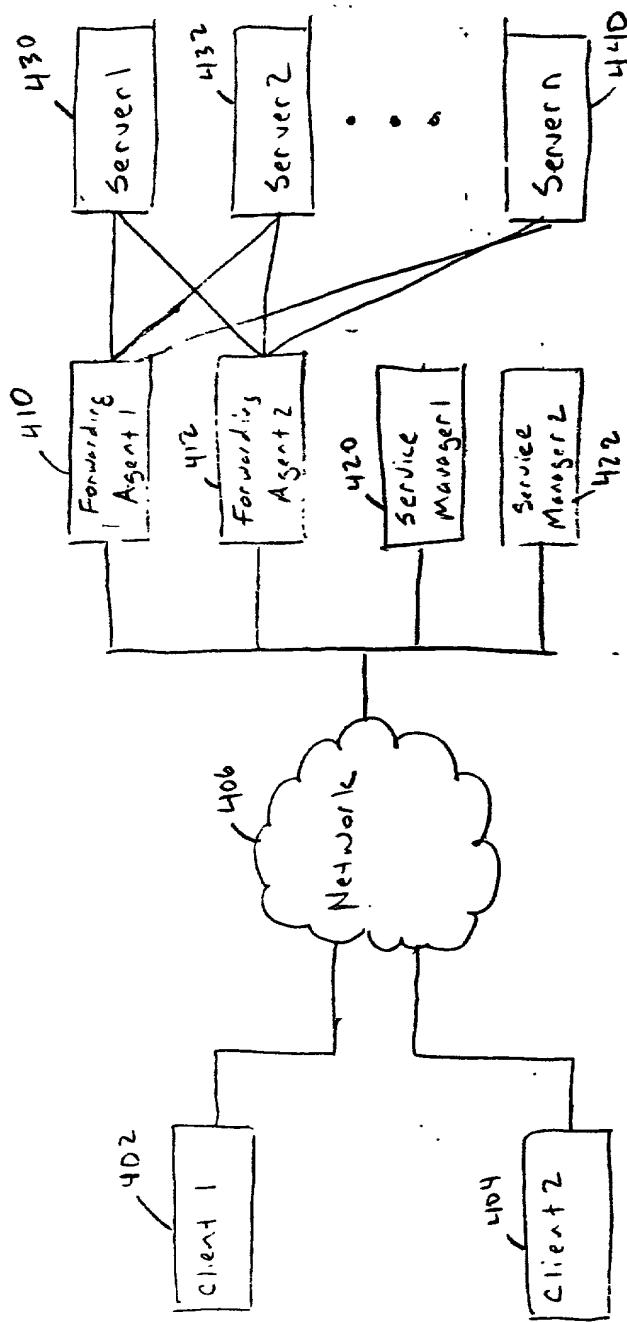
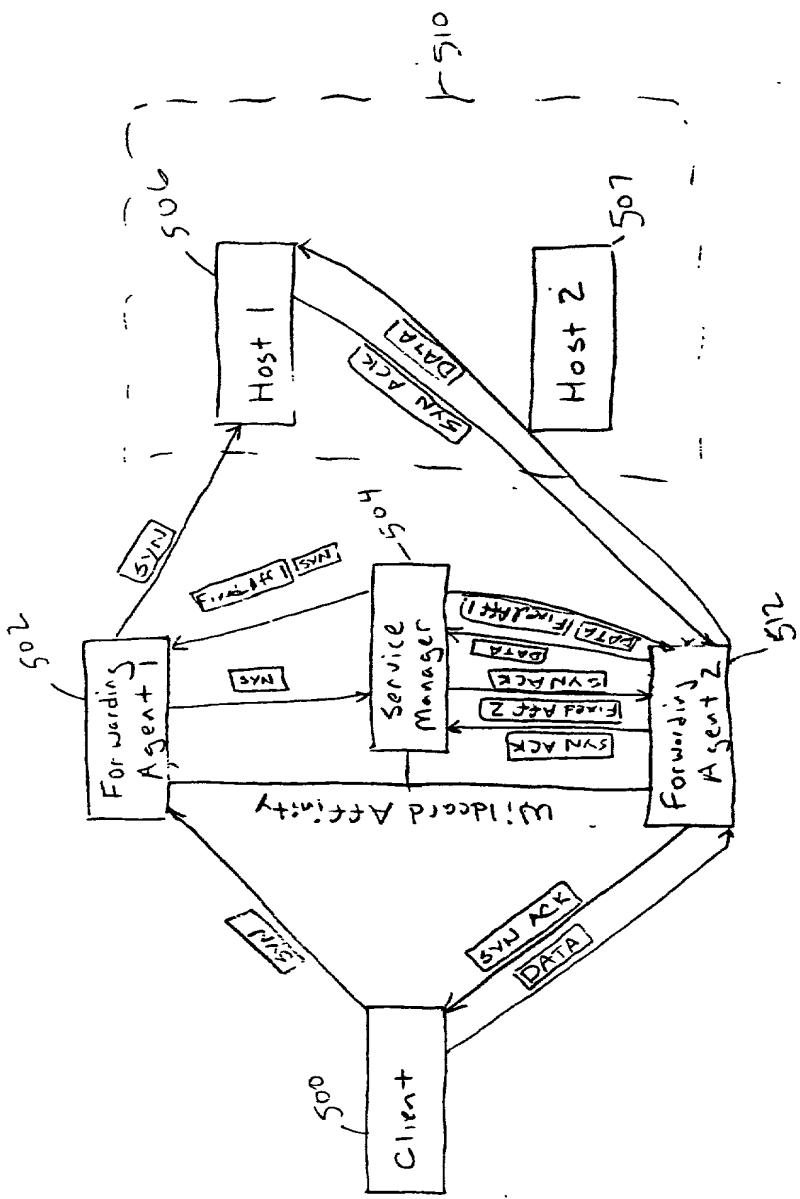


Figure 4

Figure 5



Affinity Key	602
Dispatch Flag	604
Information Flag	606
Forward IP address	608
Time to live	610

↙ 600

Figure 6

70°

Dispatch Flag	702
Information Flag	704
Protocol	706
Source IP address	708
Source netmask	710
Destination IP address	712
Destination netmask	714
Source port	716
Destination port	718
Forward IP address	720
Time to live	722

Figure 7

Protocol version	802	800
Message type	804	

Figure 8 A

Required flag	812	810
Segment type	814	
Segment length	816	

Figure 8 B

Security type	822	820
Security data	824	

Figure 8 C

Service message header	907	← 900
Security segment	903	
Wild Card affinity	904	
Action List	906	
Affinity service precedence	908	
Backup service precedence	909	
Interest data	910	
Service manager interest data	912	
Action segments	914	

Figure 9A

← 920

Service message header	922	
Security segment	924	
Fixed affinity	926	
Affinity service precedence	928	
Backup service precedence	929	
Action segments	930	
Identity information	932	
Service manager interest data	934	
Forwarding agent interest data	936	
IP packet segment	938	

Figure 9B

Service message header	941	- 9410
Security segment	942	
Action list segment	944	
Affinity Segment.. (from original affinity)	946	
Identity information (from original affinity)	948	
Service manager interest data	950	
Forwarding agent interest data	952	

Figure 9C

← 960

Service message header	962	
Security segment	964	
Affinity Identifier -	966	
Identity information (from original affinity)	968	
Service manager interest data	970	
Forwarding agent interest data	972	
IP packet segment	974	

FIGURE 9D

← 980

Service message header	982	
IP packet segment	984	

Figure 9E

Dispatch Flag	1002
Information Flag	1004
Affinity key	1006
Interest mask	1008

Figure 10 A

Search order Flag	1012
Precedence value	1014

Figure 10 B

Service Manager Interest Data	1021
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Figure 10 C

Forwarding Agent Interest Data	1023
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Figure 10 D

IP address of sender	1025
Character host name	1026

Figure 10 E

Source IP address	1032
Destination IP address	1034
Source port	1036
Destination port	1038

Figure 10 F

Sequence delta	1042
Initial sequence number	1044
Acknowledgment delta	1046
Initial Acknowledgment number	1048

Figure 10 G

Advertise address	1052
Subnet mask	1054

Figure 10 H

Interest IP Address	1062
Interest Port	1064
Interest Mask	1066
Data Flag	1067
Copy Flag	1068
Hold Flag	1069

Figure 10 I

↙ 1070

Action Type 1	1072
Action Type 2	1074
-	
-	
-	
Action Type n	1080

Figure 10J

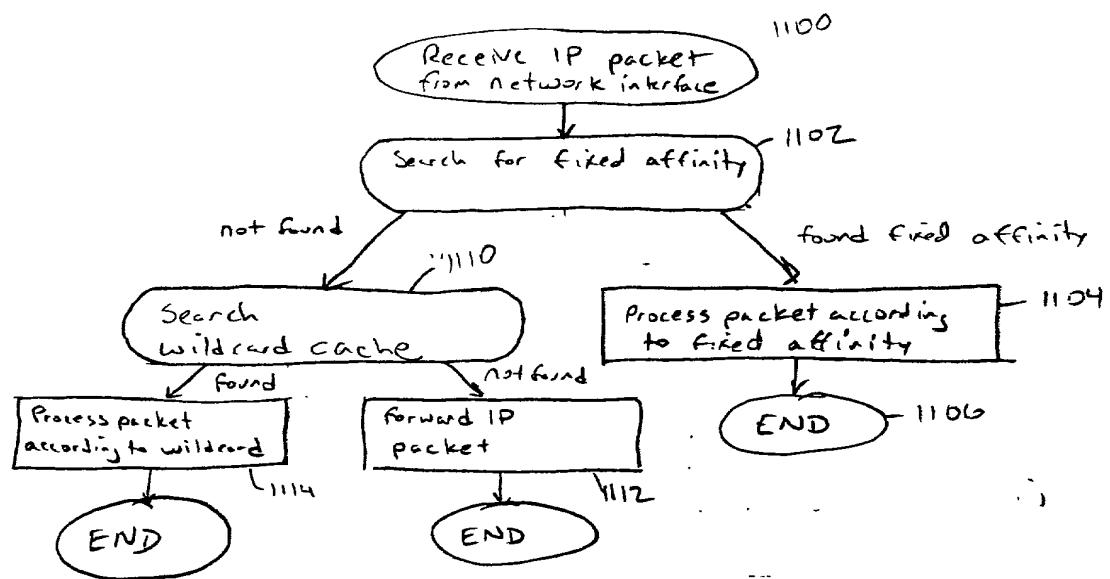


Figure 11

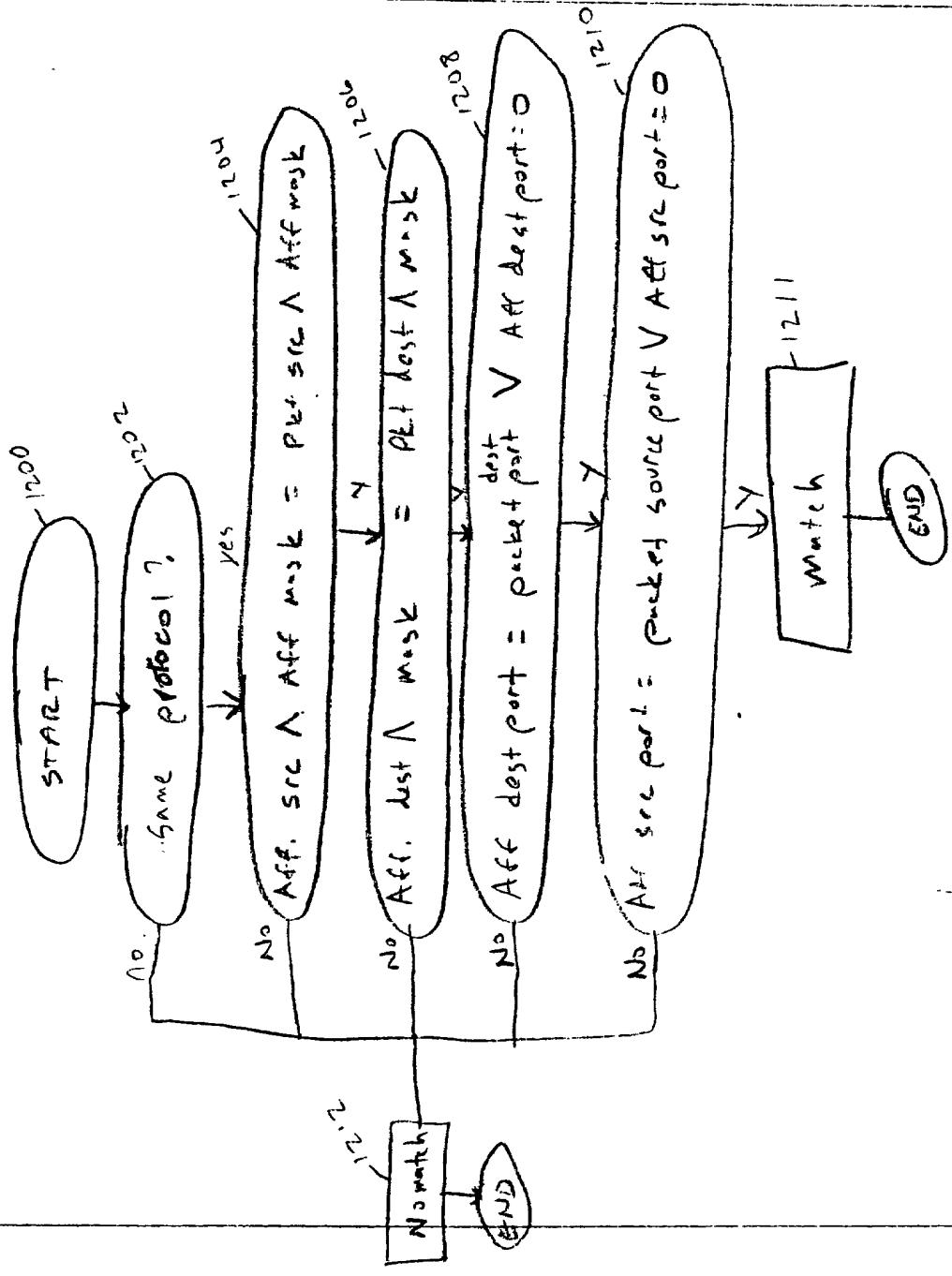


FIG. 12

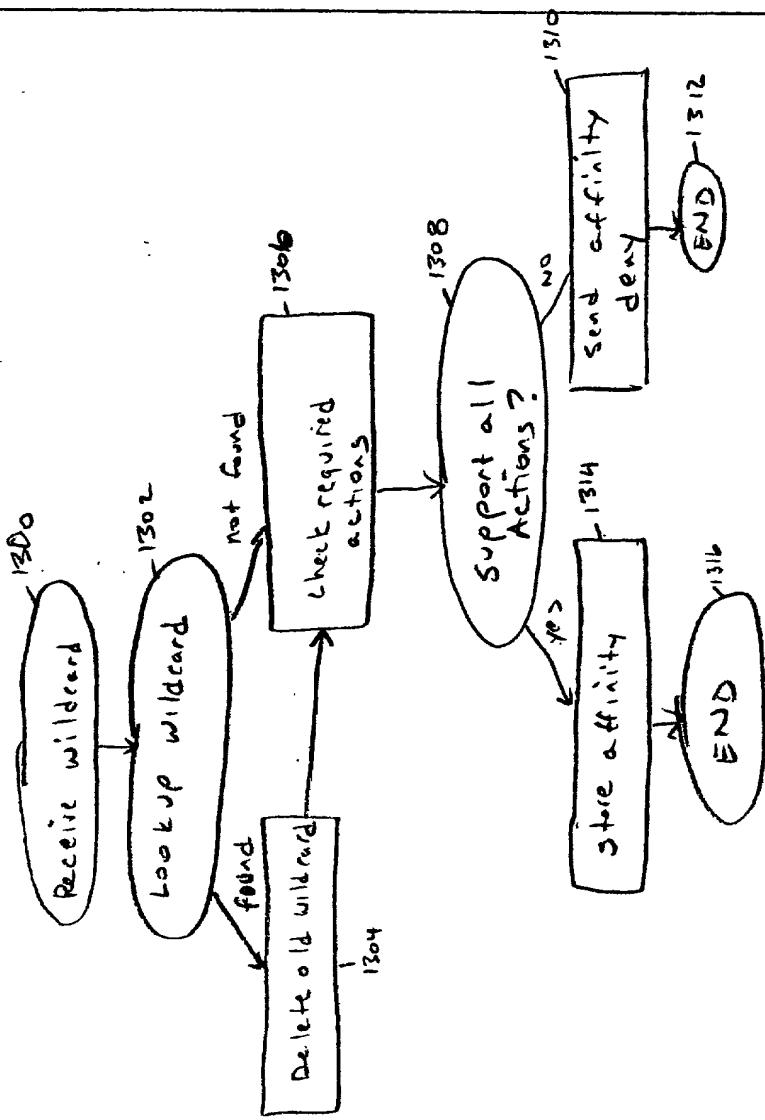


FIGURE 13

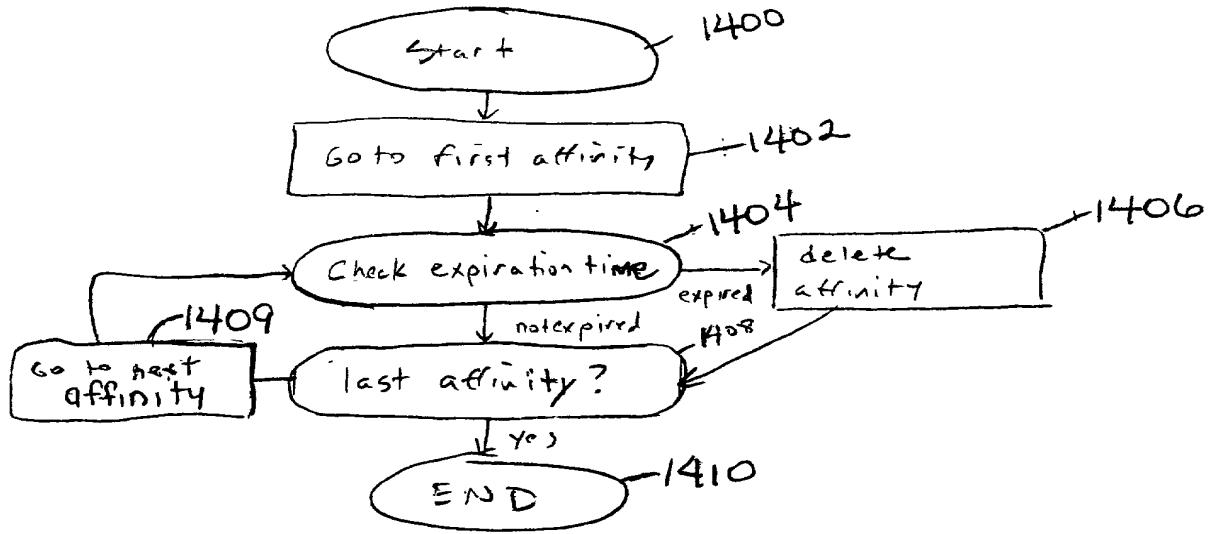


FIGURE 14

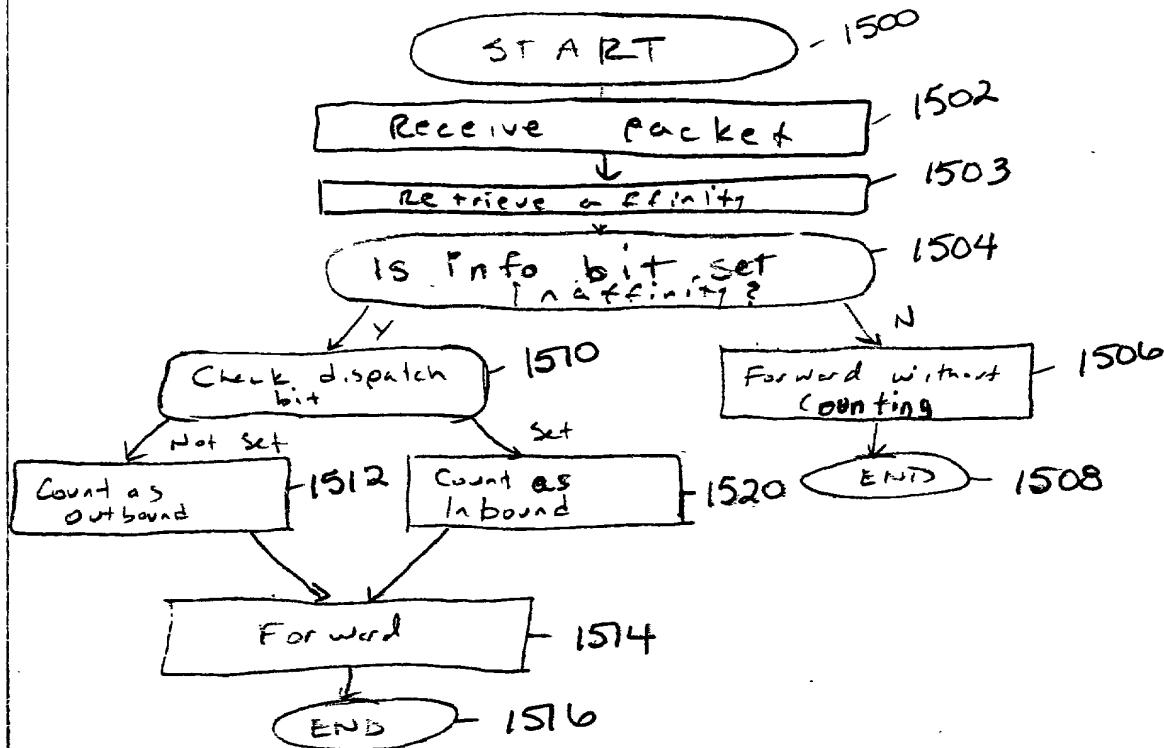


FIGURE 15

Forwarding Address	Info	Dispatch	Action
X	O	X	Dispatch
X	X	O	Count + out bound
X	X	X	Count in bound; Dispatch
O	X	X	Count, drop
O	O	X	Drop

FIGURE 16 A

NAT ADDRESS	Info	Dispatch	Action
X	X	X	Count Inbound
X	X	O	Count Outbound
X	O	—	Do not count

FIGURE 16 B

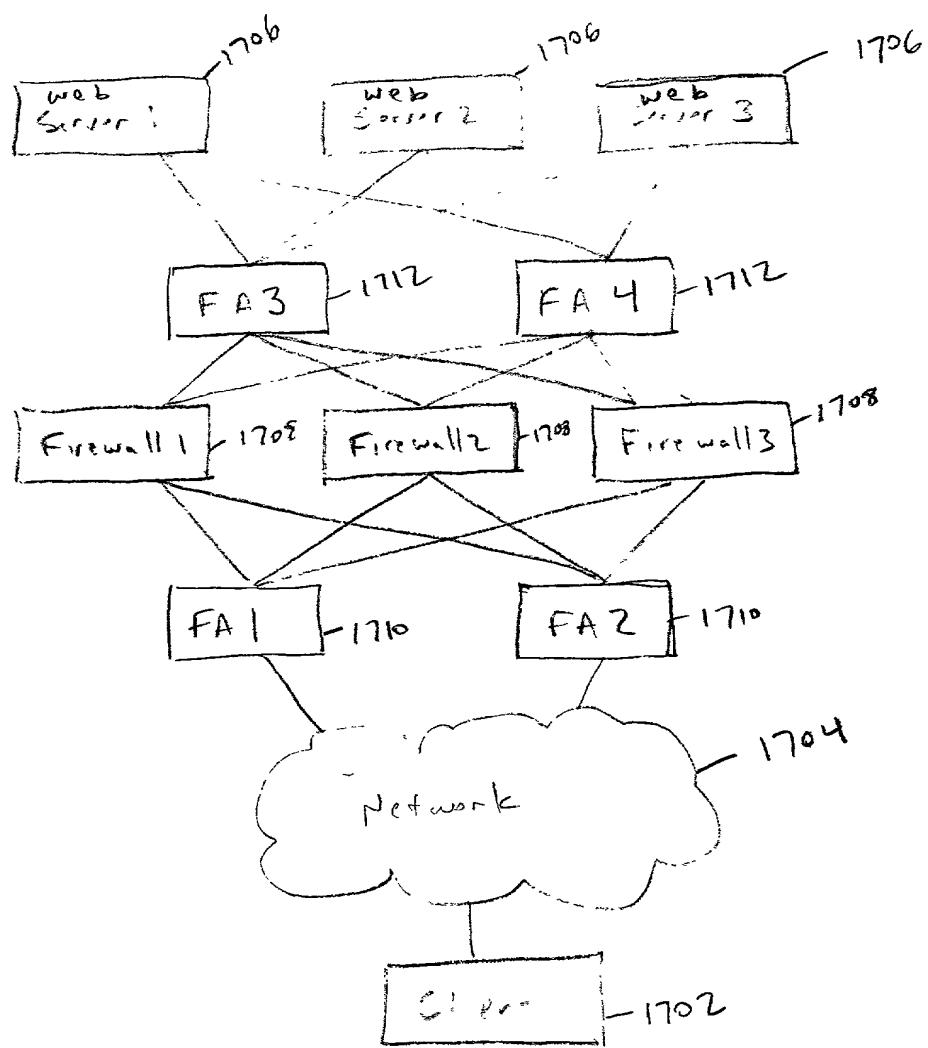


Figure 17

Tier 1 Forwarding

Forwarding Agent 1

Forwarding Agent 2

Figure 18 A

Tier 1 Appliances

Firewall 1

Firewall 2

Firewall 3

Figure 18 C

Tier 2 Forwarding Agents

Forwarding Agent 3

Forwarding Agent 4

Figure 18 B

Tier 2 Appliances

Server 1

Server 2

Server 3

Figure 18 D

Protocol

Client IP address

Client Port

Server IP address

Server Port

Tier 1 Server

Tier N Server

Figure 18 E

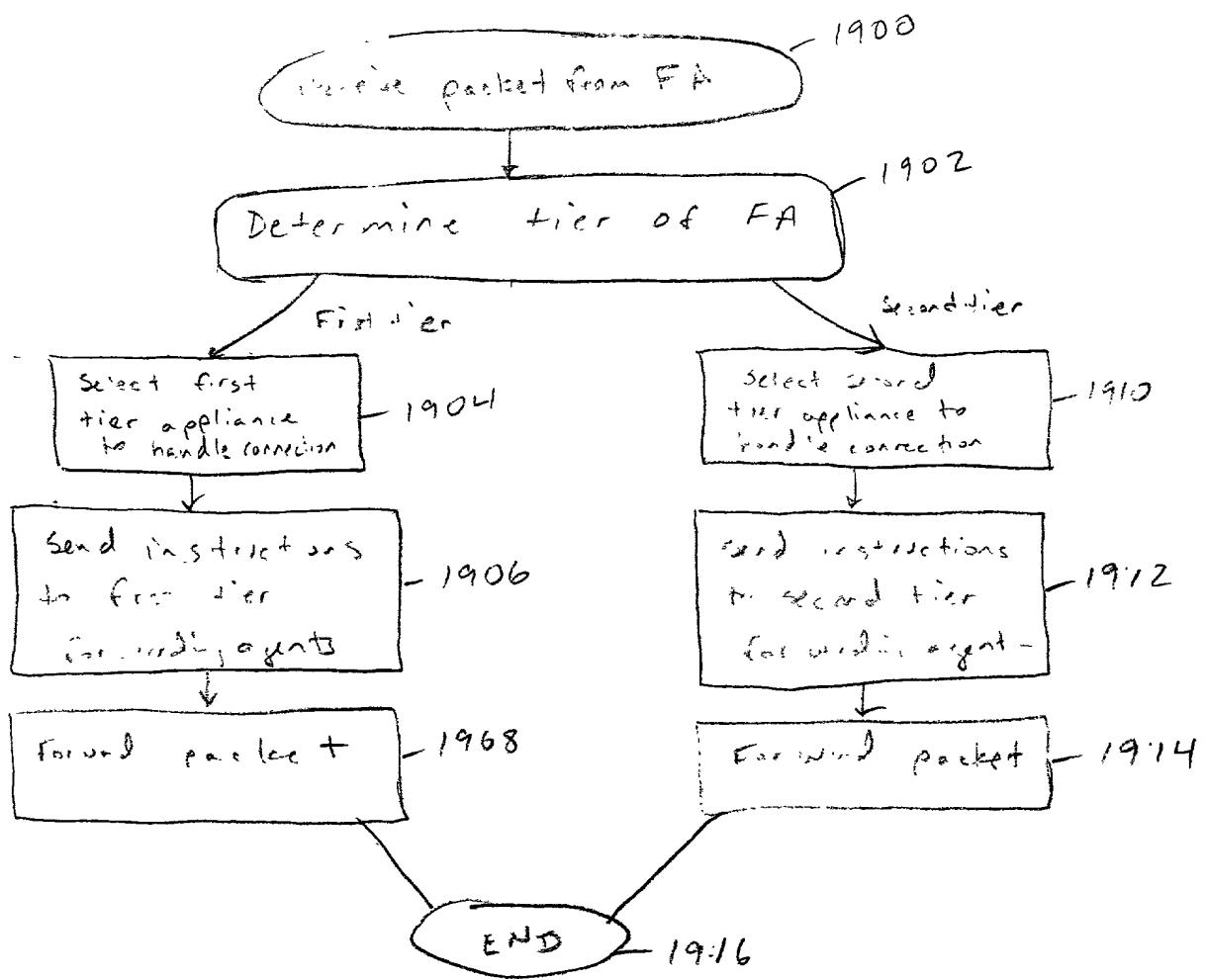


Figure 19

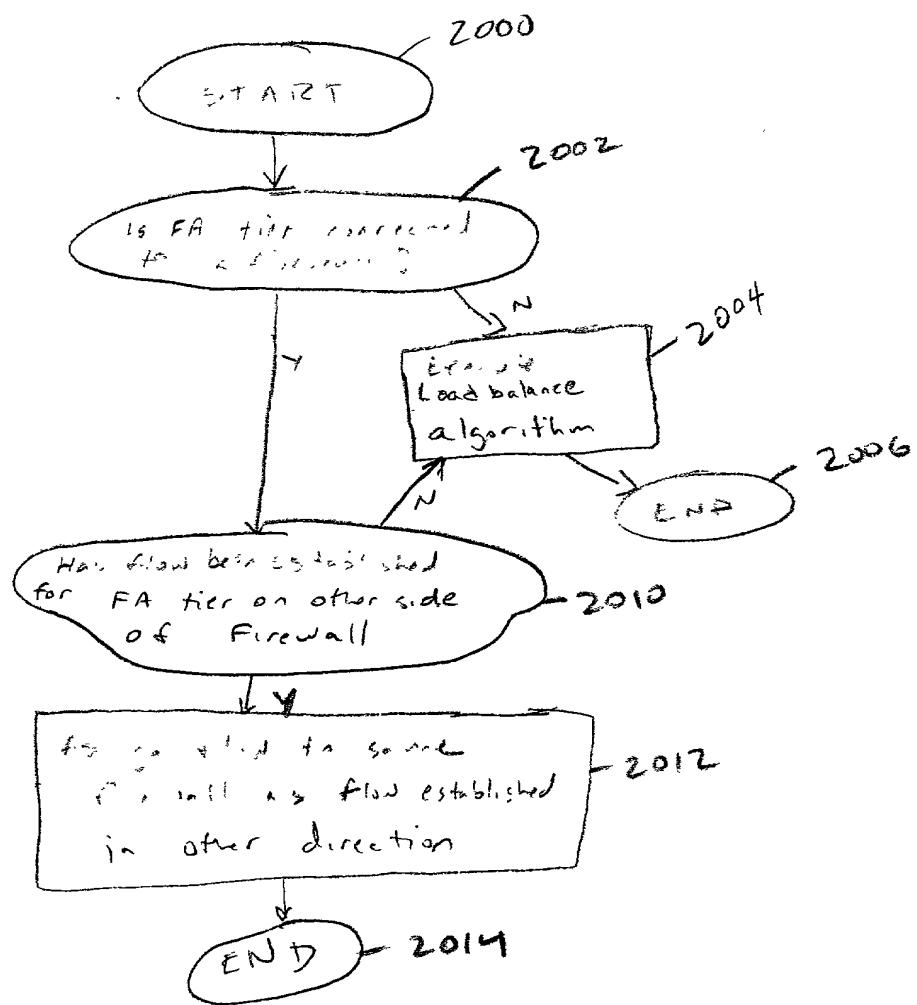


Figure 20